

The Role of Existing Legacy Enterprise Systems

- Legacy computer system
- Material Requirement Planning (MRP_
- Manufacturing Resource Planning
- Enterprise Resource Planning (ERP)
- Supply Chain Management (SCM)
- Customer Relationship Management (CRM)













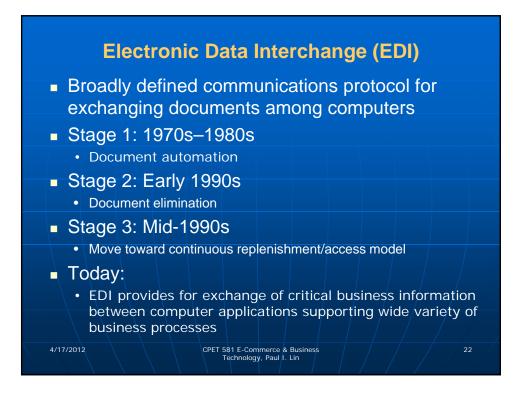
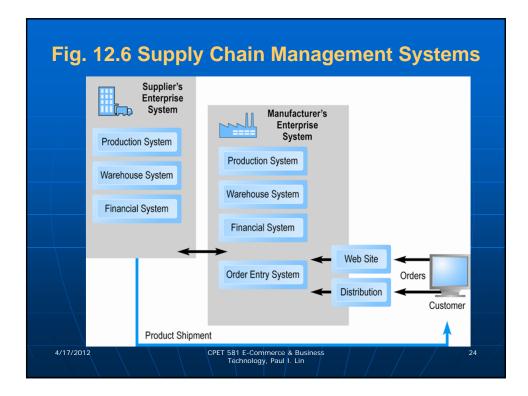
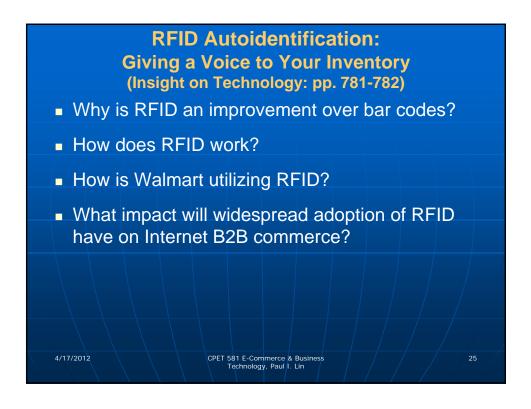
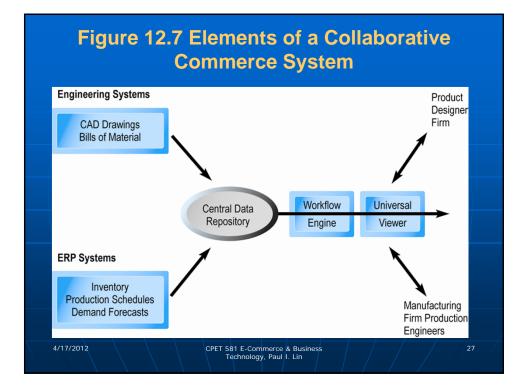


Fig	12.5 The Evolution of EDI as a B Medium	2B
	Supplier Computer 1 Document Automation	
	Supplier Production Schedule Supplier Payment Schedule Supplier Firm Computer Document Elimination	
4/17/2012	Supplier A Production System Supplier B Production System Supplier C Production System Supplier D Production System Suppli	23









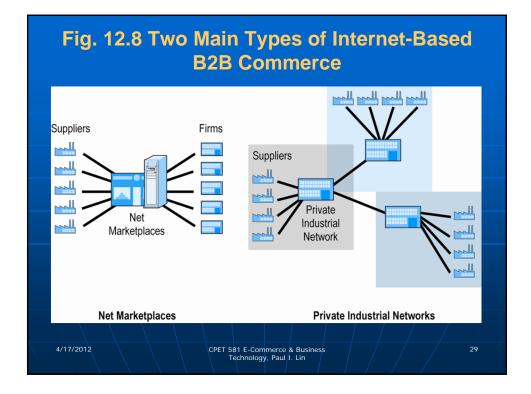
Two Main Types of Internet-Based B2B Commerce

1. Net marketplaces:

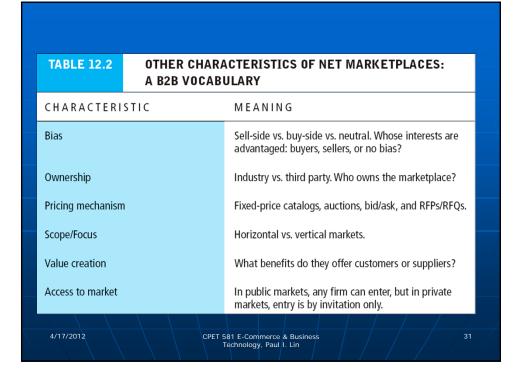
- Bring together potentially thousands of sellers and buyers in single digital marketplace operated over Internet
- **Transaction-based** 0
- Support many-to-many as well as one-to-many • relationships

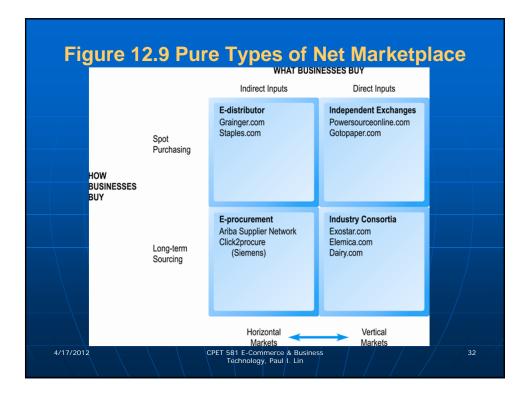
2. Private industrial networks:

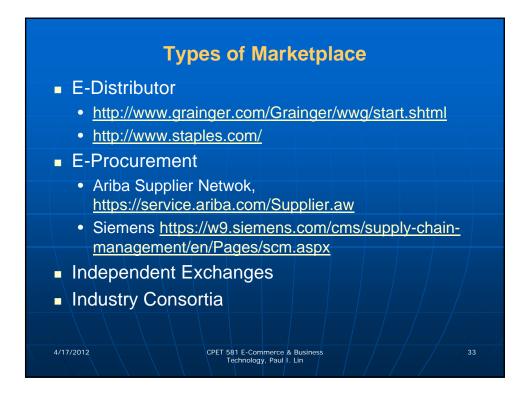
- Bring together small number of strategic business partner firms • that collaborate to develop highly efficient supply chains
- Relationship-based
- Support many-to-one and many-to-few relationships •
- Largest form of B2B e-commerce • CPET 581 E-Commerce & Business Technology, Paul I. Lin

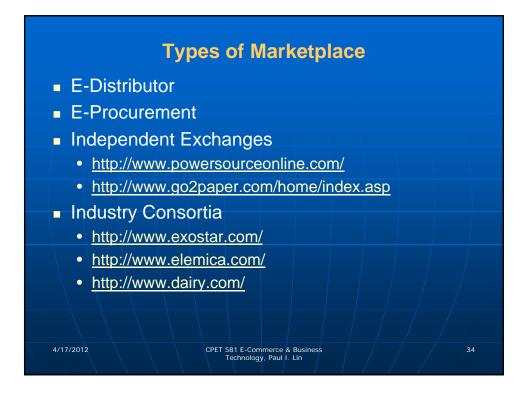


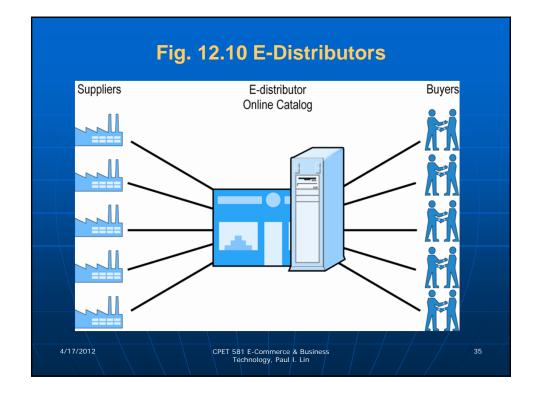


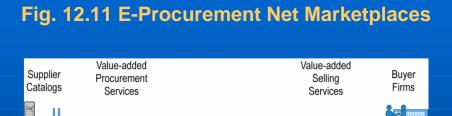














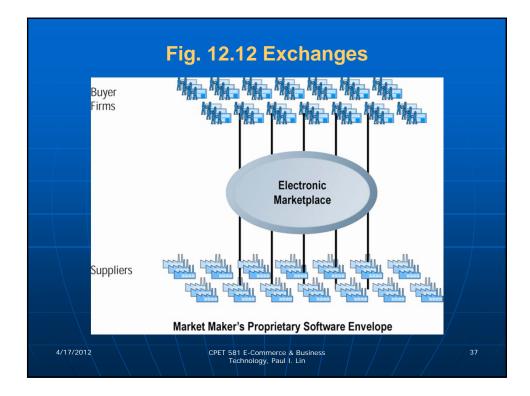


TABLE 12.3 EX	AMPLES OF INDEPENDENT EXCHANGES			
EXCHANGE	FOCUS			
PowerSource Online	Computer parts exchange			
Converge	Semiconductors and computer peripherals			
Smarterwork	Professional services from Web design to legal advice			
Active International	Trading in underutilized manufacturing capacity			
IntercontinentalExchange	International online marketplace for over 600 commodities			
Electronic Parts Exchange	Proprietary software and database that matches available inventories to customer part demand.			
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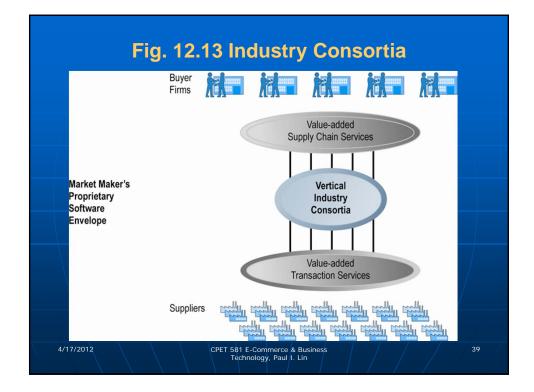


TABLE 12.4	INDUSTRY	CONSORTIA BY INDUSTRY (SEPTEMBER 2010)
INDUSTRY		NAME OF INDUSTRY CONSORTIA
Aerospace		Exostar
Automotive		SupplyOn
Chemical		Elemica
Financial		MuniCenter
Food		Dairy.com, EFSNetwork
Hospitality		Avendra
Medical Services, Sup	oplies	GHX (Global Healthcare Exchange)
Metals and Mining		Quadrem
Paper and Forest Pro	ducts	PaperFiber
Shipping		OceanConnect
Textiles		The Seam (Cotton Consortium)
Transportation		Transplace







